

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/055747

## A. CLASSIFICATION OF SUBJECT MATTER

B25F5/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
B25F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 878 273 A (ATLAS COPCO ELECTRIC TOOLS GMBH) 18 November 1998 (1998-11-18) column 1, line 33 - column 2, line 33 column 3, line 30 - column 7, line 35; figures -----	1-3,10, 11,13
X	GB 1 515 390 A (BLACK & DECKER MFG CO) 21 June 1978 (1978-06-21) page 3, line 41 - page 6, line 46; figures -----	1-6,13
X	US 2003/221292 A1 (POZGAY DAVID ET AL) 4 December 2003 (2003-12-04) paragraphs '0016!, '0017!, '0022!, '0029!; figures 2,6 -----	1,2, 11-13
X	EP 1 075 906 A (BLACK & DECKER INC) 14 February 2001 (2001-02-14) paragraphs '0045!, '0047!; figures ----- -/--	1-4,13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 January 2006

Date of mailing of the international search report

25/01/2006

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

David, R.A.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/055747

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 125 698 A (ROTO ZIP TOOL CORPORATION) 22 August 2001 (2001-08-22) paragraphs '0032!, '0034!, '0036!, '0042! - '0044!, '0049!, '0057!; figures -----	1-3, 13
A	US 2001/004580 A1 (LEGNER ROLAND ET AL) 21 June 2001 (2001-06-21) paragraphs '0020! - '0022!; figures -----	11, 12
A	WO 03/057395 A (AKTIEBOLAGET ELECTROLUX ; DONNERDAL, OVE) 17 July 2003 (2003-07-17) pages 2,3,5; figures -----	4, 5

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/055747

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0878273	A	18-11-1998	NONE	
GB 1515390	A	21-06-1978	AU 500892 B2	07-06-1979
			AU 8362875 A	10-02-1977
			DE 7521237 U	13-11-1975
			FR 2282324 A1	19-03-1976
US 2003221292	A1	04-12-2003	AU 2003237339 A1	19-12-2003
			CA 2488612 A1	11-12-2003
			EP 1509366 A2	02-03-2005
			WO 03101672 A2	11-12-2003
EP 1075906	A	14-02-2001	AT 243606 T	15-07-2003
			AU 4722200 A	18-01-2001
			CN 1281775 A	31-01-2001
			DE 60003499 D1	31-07-2003
			DE 60003499 T2	19-05-2004
			US 6181032 B1	30-01-2001
EP 1125698	A	22-08-2001	AU 750014 B2	11-07-2002
			AU 2123301 A	23-08-2001
			CA 2334293 A1	17-08-2001
			MX PA01001409 A	16-07-2004
			US 2002197123 A1	26-12-2002
			US 6443675 B1	03-09-2002
US 2001004580	A1	21-06-2001	DE 29922108 U1	17-02-2000
			EP 1116551 A2	18-07-2001
			JP 2001191243 A	17-07-2001
WO 03057395	A	17-07-2003	AU 2002354307 A1	24-07-2003
			CN 1596170 A	16-03-2005
			EP 1448333 A1	25-08-2004
			SE 522871 C2	16-03-2004
			SE 0103964 A	29-05-2003